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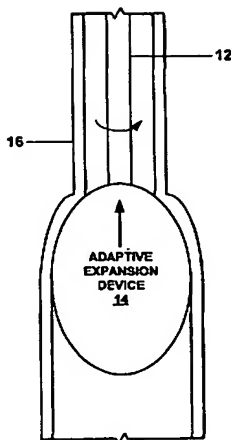
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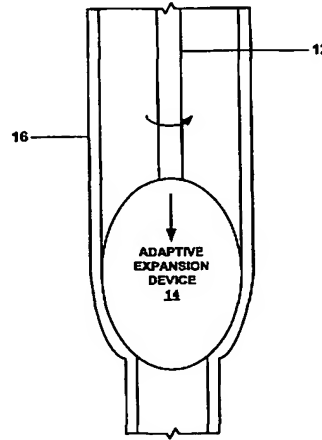
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- Declaration under Rule 4.17:**
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[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR RADIALY EXPANDING A WELLBORE CASING USING AN ADAPTIVE EXPANSION SYSTEM



a



b

(57) Abstract: An apparatus and method for radially expanding a wellbore (34) using an adaptive expansion device (14).

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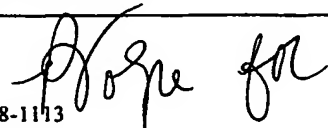
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/08030

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : E21B 43/10, 23/00 US CL : 166/380, 207, 214, 250.01 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 166/380, 207, 214, 250.01 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	US 6,722,427 B2 (GANO et al) 20 April 2004 (20.04.2004), claims 10, 25, and 29.	13-18
T	US 2004/0065446 A1 (TRAN et al) 08 April 2004 (08.04.2004), paragraphs [0054] and [0057].	13-18
X, P	US 6,688,397 B2 (MCCLURKIN et al) 10 February 2004 (10.02.2004), column 6, lines 40-49.	13-18
A	US 5,253,713 A (GREGG et al) 19 October 1993 (19.10.1993), Figures 3 and 6-8, column 6, lines 57-66.	1-3
A	US 5,749,585 A (LEMBCKE) 12 May 1998 (12.05.1998), column 1, lines 45-55 and column 3, line 55 through column 4, line 8.	1-3
A	US 5,282,508 A (ELLINGSEN et al) 01 February 1994 (01.02.1994), column 19, lines 47-50 and claim 7.	4-6
A	US 6,012,521 A (ZUNKEL et al) 11 January 2000 (11.01.2000), column 13, lines 44-51.	4-6
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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Continuation of B. FIELDS SEARCHED Item 3:

EAST: expansion cone, expansion tool, expansion device, expansion member, adaptive, spring rate, damping rate, adjusting frequency, adjusting operating characteristic